

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

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Claim 1. (Currently Amended) A vector comprising an exogenous gene,
wherein said exogenous gene is exogenous to a plant cell and to said vector,
wherein said exogenous gene ~~which~~ encodes a protein which has the same
functional activity as a protein encoded by the *Arabidopsis thaliana* MinE or MinD
gene and which when expressed in a the plant cell enhances the efficacy of
chloroplast transformation, and wherein said protein encoded by said exogenous
gene has at least a 95% homology to the protein encoded by the Arabidopsis
thaliana MinE or MinD gene. ~~the exogenous gene does not cross-hybridize with a~~
~~homologous gene of the plant cell.~~

Claim 2. (Original) A cell comprising the vector of Claim 1.

Claim 3. (Previously Presented) A tissue culture comprising a cell of
Claim 2.

Claim 4. (Original) A seed comprising the vector of Claim 1.

Claim 5. (Currently Amended) The vector according to Claim 1, wherein
said exogenous gene is, or has ~~a significant amount of~~ at least 95% homology to, a